

California University of Pennsylvania  
Guidelines for New Course Proposals  
University Course Syllabus  
Approved: 3/9/2014

Department of Health Science

A. Protocol

Course Name: Lower Extremity Orthopedic Evaluation in Sports Medicine

Course Number: ATE 400

Credits: 1

Prerequisites:

Formally enrolled in the Professional Phase of the Undergraduate Athletic Training Education Program.  
Have completed all required curriculum coursework up to this point, or have approval of the instructor.

Maximum Class Size (Face to face): 25

Maximum Class Size (online): 10 (via ITV delivery)

B. Objectives of the Course:

- 1) Describe and identify topical anatomy as related to athletic injuries.
- 2) Demonstrate the ability to research topics relating to athletic injuries.
- 3) Develop advanced skills in orthopedic evaluation of injuries.
- 4) Develop knowledge of medical practices, medications and treatment procedures.
- 5) Demonstrate working knowledge of the responsibilities and procedures used in the physician's office on a day to day basis.
- 6) Identify different procedures used in surgery.
- 7) Identify the roles of other health care providers in the sports medicine umbrella.

C. Catalog Description:

The course consists of clinical evaluation of injured athletes by the student and the physician to be used in determining the extent of a lower extremity injury. The physician will critique each student's clinical evaluation and make suggestions as needed. The students will also observe evaluations in the physician's offices and may partake in surgery observation.

D. Outline of the Course:

Week 1 - Hip and pelvis evaluation and clinical diagnosis  
Week 2 - Hip and pelvis evaluation and clinical diagnosis  
Week 3 - Knee and related structures evaluation and clinical diagnosis  
Week 4 - Knee and related structures evaluation and clinical diagnosis  
Week 5 - Lower leg, foot, and ankle evaluation and clinical diagnosis  
Week 6 - Lower leg, foot, and ankle evaluation and clinical diagnosis  
Week 7 - Lower leg, foot, and ankle evaluation and clinical diagnosis  
Week 8 - Platelet Rich Plasma (PRP) Therapy: Theoretical background and application  
Week 9 - Platelet Rich Plasma (PRP) Therapy in sports medicine  
Week 10 - Diagnostic Imaging: MRI

Week 11 – Diagnostic Imaging: CT Scan, X-Ray  
Week 12 – Lower extremity injury disparities and prevention (hip and pelvis)  
Week 13 – Lower extremity injury disparities and prevention (knee and related structures)  
Week 14 – Lower extremity injury disparities and prevention (lower leg, foot, and ankle)  
Week 15 – Lower extremity injury disparities and prevention (lower leg, foot, and ankle)

- E. Teaching Methodology:
- 1) In-class lectures by the instructor and/or a physician. Lectures, labs, demonstrations, classroom hands-on participation, guest lecturers, article readings, and visual presentations.
  - 2) Online Methodology: Same as face to face
- F. Text  
None
- G. Assessment Activities:
- 1) Attendance, class participation, in class and on-line discussions, written assignments, preliminary injury and clinical reports, and surgical observations.
  - 2) Online Assessment: Same as face to face
- H. Accommodations for Students with Disabilities:

OSD  
Revised December 2012

## STUDENTS WITH DISABILITIES

Students with disabilities:

- Reserve the right to decide when to self-identify and when to request accommodations.
- Will register with the Office for Students with Disabilities (OSD) each semester to receive accommodations.
- Might be required to communicate with faculty for accommodations, which specifically involve the faculty.
- Will present the OSD Accommodation Approval Notice to faculty when requesting accommodations that involve the faculty.

### Office for Students with Disabilities

Requests for approval for reasonable accommodations should be directed to the Office for Students with Disabilities (OSD). Approved accommodations will be recorded on the OSD Accommodation Approval notice and provided to the student. Students are expected to adhere to OSD procedures for self-identifying, providing documentation and requesting accommodations in a timely manner.

Contact Information:

- Location: Azorsky Building – Room 105
- Phone: (724) 938-5781
- Fax: (724) 938-4599
- Email: [osdmail@calu.edu](mailto:osdmail@calu.edu)
- Web Site: [www.calu.edu](http://www.calu.edu) (search “disability”)

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Please Note:

This syllabus attachment is also available in electronic format:

Go to: Microsoft Outlook  
 Open: Public Folders  
 Open: All Folders  
 Highlight: Faculty/Staff Resources  
 Open: Announcement – Academic Syllabus Attachment

I. Supportive Instructional Materials, e.g. library materials, web sites, etc.

Additional Information for Course Proposals

J. Proposed Instructors: Athletic trainers in the Department of Health Science

K. Rationale for the Course:

L. Specialized Equipment or Supplies Needed:

M. Answer the following questions using complete sentences:

1. Does the course require additional human resources? (Please explain)
2. Does the course require additional physical resources? (Please explain)
3. Does the course change the requirements in any particular major?  
(Please explain)
4. Does the course replace an existing course in your program? (If so, list the course)
5. How often will the course be taught?
6. Does the course duplicate an existing course in another Department or College? (If the possibility exists, indicate course discipline, number, and name)

N. If the proposed course includes substantial material that is traditionally taught in another discipline, you must request a statement of support from the department chair that houses that discipline.

O. Please identify if you are proposing to have this course considered as a menu course for General Education. If yes, justify and demonstrate the reasons based on the categories for General Education. The General Education Committee must consider and approve the course proposal before consideration by the UCC.

P. Provide Approval Form (electronically).

Additional Guidelines

The following are additional guidelines that you must follow which will expedite your course proposal. Failure to follow these guidelines will result in the return of the proposal to the department.

1. Be sure that your proposal is in the correct format (Guidelines for New Course Proposals) and that all questions have been completely answered.
2. Be sure that you have completed and attached the Application to Establish a New Course form and/or the Advisement Sheet Revision form and that the **appropriate signatures** have been affixed. Please send through the process electronically (the preferred method) or by paper. No items will be placed on the agenda until the Chair of the UCC is in possession of these forms.
3. Be sure that you include an updated advisement sheet for any course that is being required by the department or is classified as a restricted elective. In addition, you must include an electronic copy (MS Word or PDF) of the current advisement sheet(s) with your proposal. Be certain that all advisement sheets affected by the proposed course change be included with your proposal.
4. When submitting materials for consideration by the Curriculum Committee, you must provide an electronic copy of each item to be reviewed to the Chairperson.
5. All completed items must be in the hands of the Chairperson of the Curriculum Committee a minimum of one week prior to the next regularly scheduled meeting.
6. Any department requesting a course name change, number change, prefix changes, credit changes, etc. must submit this request on the Application to Establish a New Course Form and submit electronically.
7. New advisement sheets, major proposals, minors, LOCs, Certificates, or changes to advisement sheets will become effective the fall semester following committee approval. **The advisement sheets must also include the committee approval date and the effective date on the advisement page.** Submit this request on the Advisement and /or Program Changes form.
8. New courses will become effective the semester following committee approval.
9. Any references listed must be in the appropriate bibliographic format for the discipline.
10. Online courses should follow the Quality Matters™ rubric and is posted on the UCC website. Be sure that you include the online teaching methodology statement (refer E.2 above) that refers to the Quality Matters™ rubric.
11. All course objectives must follow Bloom's Taxonomy learning domains located on the UCC website.